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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/082,495	02/22/2002	Jussi Ketonen	335.03	3734

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EXAMINER

WINTER, JOHN M

ART UNIT	PAPER NUMBER
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3621

DATE MAILED: 11/18/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/082,495

Applicant(s)

KETONEN ET AL.

Examiner

John M Winter

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The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 February 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-18 and 20 is/are rejected.
- 7) ☒ Claim(s) 19 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____.

DETAILED ACTION

Claims 1-20 have been examined.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1- 18, and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wright Jr. et al. (US Patent 6,324,542) in view of Wright Jr. et al. (US Patent 5,857,201).

As per claim 1,

Wright Jr et al. ('542) discloses a system for providing information to a mobile client comprising:

a mobile device for generating a query which has a visual display;(Column 5, lines 48-61)

wherein the query includes identification information about the mobile device and security information. (Column 11, lines 53-65)

Wright Jr et al. ('542) does not explicitly disclose a broker which receives the query from the mobile device. Wright Jr et al. ('201) discloses a broker which receives the query from the mobile device. (Figure 3) It would be obvious to one having ordinary skill in the art at the time the invention was made to combine the Wright Jr et al. ('542) device with the Wright Jr et al. ('201) component in order to enable a portable infrastructure for accessing data.

As per claim 2,

Wright Jr et al. ('542) discloses the system for providing information to a mobile client of claim 1, further comprising:

a mini-server having a mini-server rules database; wherein the broker transmits the query to the mini-server (Column 4, lines 41-53; also figure 3) and a secure connection is used to transmit the query if required by the security information.(Column 11, lines 53-65)

As per claim 3,

Wright Jr et al. ('542) discloses the system for providing information to a mobile client of claim 2

wherein the mini-server processes the query according to rules obtained from the mini-server rules database. (Column 7, lines 29-54)

As per claim 4

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Wright Jr et al. ('542) discloses the system for providing information to the mobile client of claim 3

wherein requested information is obtained and formatted for the visual display of the mobile device and the mini-server transmits the requested information to the broker. (Figure 3)

As per claim 5

Wright Jr et al. ('542) discloses the system for providing information to the mobile client of claim 4

wherein the requested information is transmitted from the broker to the mobile device (Figure 3) and at least a portion requested information is displayed on the visual display (Column 5, lines 48-61).

As per claim 6

Wright Jr et al. ('542) discloses the system for providing information to the mobile client of claim 1 further comprising:

a personal agent computer having a personal agent rules database; wherein the broker transmits retrieval information to the mobile device (Column 4, lines 41-53; also figure 3) and the broker transmits the query to the personal agent over a secure connection. (Column 11, lines 53-65)

As per claim 7

Wright Jr et al. ('542) discloses the system for providing information to the mobile devices of claim 6

wherein the personal agent computer processes the query according to rules obtained from the personal agent rules database. (Column 7, lines 29-54)

As per claim 8

Wright Jr et al. ('542) discloses the system for providing information to the mobile client of claim 7

wherein requested information is obtained and formatted for the visual display of the mobile device and the personal agent computer transmits the requested information to the broker.(Figure 3)

As per claim 9

Wright Jr et al. ('542) discloses the system for providing information to the mobile devices of claim 8

wherein if the retrieval information is transmitted to the broker the requested information is transmitted to the mobile device (Figure 3) and at least a portion requested information is displayed on the visual display. (Column 5, lines 48-61)

As per claim 10

Wright Jr et al. ('542) discloses the system for providing information to mobile devices of claim 1, further comprising: a mini-server having a mini-server rules database; and a personal agent computer having a personal agent rules database. wherein the broker has a broker rules

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database and the broker transmits the query to either the mini-server or the personal agent computer in accordance with rules from the broker rules database. (Column 4, lines 41-53; also figure 3)

As per claim 11

Wright Jr et al. ('542) discloses the system for providing information to mobile devices of claim 10,

wherein the personal agent computer or mini-server processes the query according to rules obtained from the personal agent rules database or the mini-server rules database. (Column 7, lines 29-54)

As per claim 12

Wright Jr et al. ('542) discloses the system for providing information to a mobile client comprising:

a mini-server having a mini-server rules database;(Column 4, lines 41-53; also figure 3)
wherein the mobile device transmits the query to the mini-server and the mini-server processes the query according to rules from the mini-server rules database.(Column 7, lines 29-54)

Wright Jr et al. ('542) does not explicitly disclose a mobile device for generating a query which includes identification information. Wright Jr et al. ('201) discloses a a mobile device for generating a query which includes identification information.(Figure 3) It would be obvious to one having ordinary skill in the art at the time the invention was made to combine the Wright Jr et al. ('542) device with the Wright Jr et al. ('201) component in order to enable a portable infrastructure for accessing data.

As per claim 13

Wright Jr et al. ('542) discloses the system for providing information to the mobile client of claim 12

wherein requested information is obtained and formatted by the mini-server for the visual display of the mobile device, (Figure 3)

the mini-server transmits the requested information to the mobile device(Figure 3) and a portion of the requested information is displayed on the visual display. (Column 5, lines 48-61)

As per claim 14

Wright Jr et al. ('542) discloses the system for providing information to the mobile client of claim 13

wherein the query includes security information and the requested information is transmitted to the mobile device over a secure connection if required by the security information. (Figure 3)

As per claim 15

Wright Jr et al. ('542) discloses a method for providing information to a mobile device comprising the steps:

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providing a mobile device having a visual display,(Figure 3)
a broker and a mini-server having a mini-server database; (Figure 3)
processing the query according to rules from the mini-server database;(Column 7, lines 29-54)

obtaining requested information;(Column 7, lines 29-54)
formatting the requested information for the visual display of the mobile device;
transmitting the requested information to the mobile device;
displaying at least a portion of the requested information on the visual display of the mobile device. (Figure 3)

Wright Jr et al. ('542) does not explicitly disclose transmitting a query which includes identification information to the broker; transmitting the query from the broker to the mini-server. Wright Jr et al. ('201) discloses transmitting a query which includes identification information to the broker; transmitting the query from the broker to the mini-server; (Figure 3) It would be obvious to one having ordinary skill in the art at the time the invention was made to combine the Wright Jr et al. ('542) device with the Wright Jr et al. ('201) component in order to enable a portable infrastructure for accessing data.

Claim 18 is in parallel with claim 15 and is rejected for at least the same reasons.

As per claim 16

Wright Jr et al. ('542) discloses the method for providing information to mobile devices of claim 15 further comprising the steps:

transmitting retrieval information to the mobile device; and transmitting the requested information to the mobile device if the retrieval information is transmitted to the broker. (Figure 3)

As per claim 17

Wright Jr et al. ('542) discloses the method for providing information to mobile devices of claim 15

wherein the query includes security information and the transmitting steps are made over secure connections if required by the security information. (Figure 3)

As per claim 20

Wright Jr et al. ('542) discloses the method for providing information to mobile devices of claim 18 wherein the query includes security information and the transmitting steps made are over secure connections if required by the security information. (Column 11, lines 53-65)

Allowable Subject Matter

Claim 19 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

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Conclusion

Examiners note: Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings of the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the examiner.

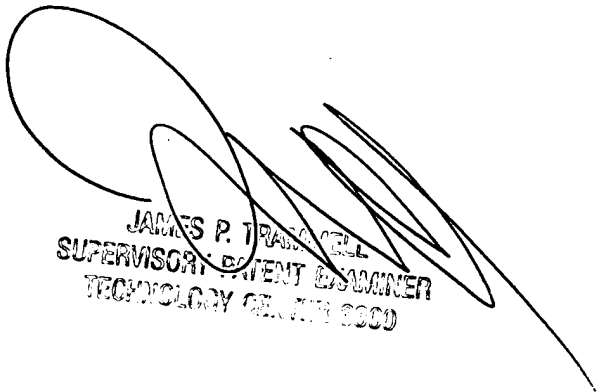
Any inquiry concerning this communication or earlier communications from the examiner should be directed to John M Winter whose telephone number is (703) 305-3971. The examiner can normally be reached on M-F 8:30-6, 1st Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James P Trammell can be reached on (703)305-9768. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 305-7687 for regular communications and (703) 305-7687 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1113.

JMW

November 15, 2004



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